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Cor. 482 (7)

Coins.—

(1£ = 1 sovereign)* = 20s. = - - $4.84-5

a guinea = 1£ 1s. ; (a crown) = 5s. ;

(a ½ crown) = 2½ s. ; (a sixpence) = 6d.

(a shilling) = 12d. ; (a fourpence) = 4d.

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(a 5£ note). Halfpenny equal to one cent.

English currency. (½ sov.) = 10s.

Pièce de quarante francs, or Double Napo.n

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(Napoleon) = 20fr. ; (5 fr.) = 100s. ; (2 fr.) = 40s.

(1 fr.) = 20s. ; (½ fr.) = 10s. ; (¼ fr.) = 5s. ; (2s) ; (1s.)

An English Sovereign at par is 25 fr.

A five franc piece at home is worth

93 cts. but in France goes as far as one

Dollar. 1 sous is equal to one cent.

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* The brackets represent the distinct or separate pieces of money.

Joseph Leidy 1848.

Diary of travel in Europe in the summer of 1848, by Joseph Leidy.

Sat. Ap. 15. 1848 I left New York, on a proposed trip to Europe, in the Packet ship "American Eagle", Capt. Shadwick, bound for London. The vessel is 1000 tons burthen, heavily laden, and has 8 passengers in the cabin, viz. Dr. Wm E. Horner my traveling companion; Drs. Ferrar of St. Louis, & Hooper, lately graduated at the University of Pennsylvania, & on their way to Paris; Mr. Peck, a merchant, dealing in yankee clocks and having a store in Wallnoke St. London; Mr. W. Cook an english gentleman; Mr. Gibson, Wm, a young scotchman settled in Canada as a farmer; and Col. Graham, an englishman by birth, of the Imperial Guards of Austria. The last is an elderly gentleman, has traveled considerably in the civilized world, is shrewd, intelligent, well informed, and very communicative on points

of history. He was with Maranda in his expedition to excite a revolt in the Spanish colonies of America, was taken prisoner but managed to escape in a manner with which he did not think proper to acquaint us.

We met with but little of interest in our passage. The first week we had a gale of wind, and I suffered severely from sea-sickness, from which I did not get entirely rid for two weeks.

When we got in the English channel we were becalmed for several days and finally left the Ship, on the afternoon of May 9. 1848, on board of a fishing boat, and landed at Hastings. After having passed through the custom house, where I got pretty well fleeced for some books, charging £5 on the 100 lbs. duty, Dr. Horner and myself put up at the Royal oak, & also the Colonel & Mr. Cook, while the others moved on to London. The ac-

comodations were good and moderate at the hotel.

Hastings is an old town, and is place near which Wm the Conqueror landed, the actual spot being called Pevensey, an inlet within a short distance of Hastings. Situated upon a cliff overhanging the back of the town are the ruins of Hastings castle, to which I scrambled. It is well situated and commands an extensive view of the surrounding country. The walls are covered with ivy, the area within is laid out in gravel walks and the whole is kept in order by a person occupying part of the ruin. Besides the broken walls there is a gothic door-way and part of a tower with circular stone steps, remains of the chapel, which were only exhumed about 24 yrs. ago; at the same time some stone coffins are said to have been found.

I was surprized to notice the quantity of Helix aspersa upon the herbage within the walls, and the gardener informed me that he destroyed a gallon every morning. After tea I took a walk on the hills with Mr. Cook; noticed the furze bushes, daisy, hyacinth, &c. in flower. Hastings is a favorite resort in the summer season for bathing.

May 10. Left Hastings by railroad for London. On the way obtained a passing view of the ruins of Pevensey and Lewes Castles. I was struck on the route with the absence of what we in america would consider as forests. Dr. H. and myself arrived in London about noon and took up quarters at Randall's No 7, King St., Cheapside. Before dinner we took a stroll up King St. to Guildhall, viewed some fine statuary as well as the renowned Gog and Magog in the

anteroom; the common council hall in which are some fine paintings: one of her majesty V. R; death of Wat Tyler by the Lord-mayor, &c.; and the room of the Court of Alderman, a fine chamber with armorial bearings painted on the windows and ceilings. [illegible]

May 11 went out in search of private lodgings. Visited the museum of anatomy of King's college at Somerset House in the Strand. Noticed sev-

preparations worthy of imitation viz.-
1. Maceration of Gastrocnemius, the tendinous matter only preserved.
2. Dissection of fasciculi of Biceps cubiti.
3. Diss. of fasc. of boiled muscle.
4. Bursa of radius at Biceps tendon.
Afterwards visited the magnificent Hunterian museum of the Royal College of Surgeons. Noticed the magnificent skeleton of Mylodon robustus, the immense carapace of Glyptodon, a human skeleton 8 ft. high, that of a dwarf of 9 yrs. 21 in. in height, &c. Also a perfect skeleton of Megaceros. I observed that from a specimen, the fragment of incident skull, belonging to Dr. Giddins, belongs to the genus (Coelogenus F. Cuv.).
May. 12 Visited St. Paul's church, viewed the statuary, went into the whispering gallery, clock, ball, &c. This church is an immense and magnificent structure, but like most other fine buildings in London

is perfectly black from the smoke arising from the consumption of bituminous Coal. Attended Service in St. Pauls. Took Lodgings at No 14 Berners St. Oxford St. West End of London. In the afternoon visited Hyde park in company with Drs. Ferran & Hooper. Saw the Wellington Statue and residence which are at Hyde park.

May 13. Visited Mr. Owen at the Royal College of Surgeons with a letter of introduction. Mr. O's manners are pleasing; in his conversation generally easy sometimes hesitating; has a good moulded head and bright eye; his face is covered with a red erysipelatous eruption. He has his residence at the college and has a good library at command. Looked in to the museum. Noticed some fine preparations by Mr. Goadby, also a neat mode and new, of putting them up, viz. in square bottles of glass. Many of the

preparations are put up in a saline fluid first made and known as Goadby's solution. Noticed the following preparations from which useful hints are to be obtained:

1. Humerus of Mylodon, section, ~~cancelli~~ medul. canal. Humerus of Bison, femur of Elephant, fine specimens of cancelli.
2. Nervous system of Limulus.
3. Rib of manatus carved in its len, 4th
4. Clavicle & metacarpal bones of Pelican exhibit beautiful cancelli.
5. Preparation, showing trachea in Keel of sternum of Grus.
6. Section of Spondylus.
7. Goadby's dipection of Mytilus edul.
8. do. Nervous system of Aplysia.

Took a cursory glance at the interior of Westminster abbey. In company with Mr. Peck Drs. Ferrar & Cooper visited Capt. Shadwick on board the American Eagle at the London Docks. Afterwards we visited Thames tunnel,

apparently, on the magnificent scale we pursued through.

In the evening we went to a theatre at which, formerly, Fraser, the opera singer so much admired at home, signed.

Sund. May 14 Went in company with Mr. R. Owen to visit the Zoological collection of the Zool. Soc. at Regents Park. Mr. Owen stated they pay £700 rent yearly to the government for the occupancy of the ground, and from a conversation with him I am led to believe monarchies do not lend more patronage to science than the so called ungrateful republics.

Mond. May 15 visited museum of Middlesex Hospital. Noticed particularly a fine preparation of the brachial plexus of nerves & spinal marrow.

Dr. Carpenter & Kiernan paid us a visit at our lodgings. Mr. Kiernan a fine looking man, large head, kind, winning & pleasing address & manners. Dr. C. quick intelligent, but. is no means the mind of K. in fact rather superficial?

Visited with Dr. Horner and Mr. Kiernan the University of London. In the Museum noticed the following:

1. Lacteals in intestine of Ostrich - beautiful.
2. Bloodvessels & Lacteals in intestine of Turkey - beautiful.
3. Prepar. of a gland of Peyer by dissecting away the tunics beneath it and stretching it over a piece of mica.
4. Section of Bullock's spleen showing trabecular structure.

5. Nerve fasciculi dissected clean, looks well on a brown ground.

6. Kidney of bear and dolphin injected, both exhibit a fine tubular structure.

7. Injections of young bones & cartilage, periosteum stripped off.

8. Section of elephant's tongue with nerves dissected, dried.

~~Evening visited Prop. St. Adolphi Theatre Boulogne with Mr. Ferran.~~

Wed. May 16 Reported myself to the American minister Mr. Bancroft. and had my passport examined at the French ministers.

Visited the Col. Surgeons, museum.

1. Noticed prep. of membranous constituent of Coronal cementum of the human tooth discov. by Purkinje 1835.

2. Tympanum of Whale concentric structure exhibited by softening in acid.

3. Pap. structure from stomach of different Ruminants.

4. Trans. section intest. of Sturgeon, beautiful

reticulated structure. do. of Chelonia midas.
5. villi of ostrich makes beaut. inject. prep.
Evening accompanied Dr. Horner with
Mr. Kiernan to a soiree at Bishop
Wiseman's.

Wed. May 17 Paid a visit to the British
Museum - introd. by letter to Mr. Doubleday
who introd. me to the two Messrs. Gray, Mr.
White, Mitchell, Birch, &c. also Mr.
Waterhouse. First heard of the death
of poor Bibron, universally respected
and loved by those who knew him.
Mr. D. conducted me into the library and
showed me many curiosities in the
way of ancient writings, amongst
others, a number of old Syriac manu-
scripts obtained from Coptic convents;
oldest manuscript bible known; orig-
inal of magna charta; illuminated
bibles and missals, &c.
Mus. Col. Surgeons.
1 Eye of Orthagoriscus mola good to show
interior analogue of marsupium.

2. Good method of preparing eye to exhibit marsupium nigrum in birds - cut both sides of sclerotica away.

Thurs. May 18. Visit. Brit. Museum. Mr. Waterhouse took much trouble in showing me the mammalian remains: Toxodon; Dinornis; Sivatherium: the extraordinary Elephas Ganesa with its enormous proportionate tusks; other Elephas, Mastodon; the collections of Falconer + Cautley; and most remarkable of all and not yet described two very enormous tails of large species of Glyptodon, one of which is clavate in form.

Col. Surgeons' Museum. Purpose trying to inject tubuli seminiferi with size. The museum of the Col. is lighted from the sides of the roof.

Evening attended a small party at the house of Mr. Mitchell, Great Russel St. Bowerbank, Doubleday, Newman, Christie, &c. present. Ent. Meat pie, sandwiches, preserved fruits, wines, and ices.

May 19 Visited Mr. Kiernan in comp. with Dr. Horner. Mr. Goadby present. Mr. K. exhibited some beautiful injected preparations of cancerous structures from the earliest to the latest stages, and also some coloured drawings of the same, which for beauty, and accuracy surpass everything of the kind I have ever seen. Has been making observations 6 yrs. on the subject, and upon upwards of 1000 specimens. Amongst the preparations I was struck with some specimens of encephaloid, in which the tissue upon which the disease existed in some cases, the tumour itself, contrary to what Vogel says, in other cases were injected. Mr. K. has some method of getting rid of the cellular structure and leaving the intertexture of spinally arranged vessels. pub. Roy. Acad. Mr. G. informed me of the constituents of his fluid, known as Goadby's Solution, viz:

Solution A.

℞. Bay salt - - - - - - 4 ℥
Alum - - - - - - 2 ℥
Hyd. bichlor. - - - - gr iiij
Aq. Bul. - - - - - Oiiij

A very fine clear fluid answers for tissues not containing carb. of lime, & where it is not desired to avoid coagulating the albumen, Otherwise:

Sol. B.

℞. Bay salt - - - - - ℥viij
Hydrar. bichlor. - - - gr ij
Aq. Bul. - - - - Oij

The small grant. Hyd. bich. prevents vegitation in the fluid.

In preparing Acalepha, Holothuridæ, &c. add a portion of saturated solution of Bay salt to the sea water in which they are held until they swim, as they become incorporated so from Day to Day you must add more of the solution until you get them of a sufficient specific gravity.

May 20 visited Mr. J. S. Bowerbank, No 3. Highbury Grove, Islington. from whom I received some important hints in the use of the microscope. He recommends highly Smith's instrument. Coleman St. London Wall.
Microscopic slaps, specimens, &c. may be obtained of Topping No 1. Penton-ville Hill, York place.
Mr. B. says the method of cleaning glasses of a high power, is first to blow as much dust off as possible, and then use a piece of dogwood (because it contains no siliceous matter) pointed like the edge of a chisel and absolutely shovel the dust off.
~~Evening with Dr. Ferrar in company at Mr. Sowerby's, Newman St. Oxford St.~~
Sund. May 21 Took an omnibus from St. Pauls, in company with Mr. Peck, Drs. Ferrar & Gosse, to visit Hampton Court, about 17 m. from

London on the Thames. Passed through Kensington, Richmond, &c. en route. At Hampton Court the grounds are magnificent, splendid groves of horse chestnut, sheets of water, lawns, deer, all add to its charms. Visited a fine bower there Queen Anne's. The palace occupied in part by decayed nobility, where they have rooms rent free and are not liable to seizure by their creditors. The different state rooms through which we passed contain numerous fine old and modern paintings. King William III's Bed room contains the state bed of Queen Charlotte, the clothing of which is very beautifully embroidered, and the walls are covered by the celebrated portraits of the court of Charles II, a collection of beauties truly. Another room contains the cartoons of Raphael. The public dining room covered with arras

tapestry a piece of work apparently of much labour. The great gothic hall designed by Card. Wolsey, also contains fine specimens of tapestry. This hall was used as a theatre in the reign of Elizabeth. Wearied and amused ourselves walking in the "maze". On our return dined at Richmond.

Mond. May 22. Visited Mr. Goadby, № 14 Caledonia St. King's Crop. Saw a number of specimens of soft invertebrata well preserved in his solution. The mode he adopts of making the square glass cases, is to heat the glasses and while hot to unite them by means of marine glue. Visited with him Messs. Powell & Lealand, microscope makers, № 4, Seymour Pl., Euston Square, where they carry on their business in a very unpretending manner. Took lodgings again at Randall's, accomodations good, prices moderate.

Evening Dr. Horner and myself visited Dr. Carpenter. Mrs. Carpenter, Mr. Kiernan, Curling, Bale, &c. present. Understood that Rakitonsky's Patholog. anatomy is underway for translation. Dr. C. exhibited a beautiful specimen of decalcified shell of pinna, exhibiting the columns made up of superimposed cells according to Mr. Owen's idea of the structure of enamel.

Tuesd. May 23rd. British museum. Examined galleries of antiquities, rosetta stone, magnificent sarcophagi, &c. See Catalogue. Examined Ehrenberg's work "Infusionsthierchen" The entozoon 9 detected in the fluid of Hydrocele is a vibrio and resembles his V. lineola.

The mineral collection is arranged in black trays upon pads of raw cotton. Noticed a medallion in Selenium of its discoverer Berzelius.

The specimen of fossilized wood from

(Phis. on the floor of the Academy at home, from a similar specimen in the B. mus. from the same place is Pearonius Helmintholithus? Cotta.
Col. Surg. Mus. 1. 9ij. of art. & veins horse's foot.
There is a magnificent recent encrinus in the collection, in a dried state and cost in 1786, £15. 15s.
Evening visited Mr. Soe in Newman St.
Wed. May 24. visited the botanical Gardens at Kew, about 7m. from London. They are just finishing a very lofty and magnificent conservatory for the growth of Palms. There are fine conservatories of Palms, orchidaceæ, Cactaceæ, &c. The Cattleya Mossiæ and Stanhopea tigrina have fine large flowers. the latter recalling the odour of the banana & vanilla fruits; both are orchideous. Saw an enormous Echinocactus visnaca of Mexico weighing 713 lbs. Struck in the grounds with the appearance of the Araucaria

imbricata of Chili looking like a giant Lycopodium. Left a letter of introduction and card for Sir Wm. J. Hooker, not in. There is a small botanical museum, attached to the garden, tastefully arranged. Noticed therein Gutta Percha from Isonandra gutta, Hook. Singapoor & Malay Islands. Chinese spunk or Moxa from Artemesia chinensis. Tallow from acorns of an Oak of New Grenada. Rice paper - plant unknown. Curious drawing paper made by varnishing skeleton leaves of Ficus religiosa; one specimen or leaf had a beautiful drawing of a butterfly upon it. Vegitable Ivory nut, from Phytelephas macrocarpa of New Grenada. Reindeer Moss - Cenomyce rangiferina. On paping through the Cactus conservatory again saw the Cochineal plant with insects.

Thurs. May 25. Brit. museum. Examined the large & magnificent collection of mounted mammalia. Have a specimen of the rare American musk deer.

May 26 Paid an especial visit to West-minster Abbey. Most struck with the beautiful piece of sculpture in the chapel of St. John, &c. erected to Nightingale. The artist has exceedingly well represented a skeleton figure half veiled creeping from an open half door of a tomb and aiming a shaft at the Lady, while the husband tries to resist its blow; Edward the confessor's chapel; Coronation chair, &c. &c. See book.
Visited the collection of the E. India Company. Dr. Horsfield, to whom I intro-duced myself, was born in Pennsylvania, & he told me he had been from America 51 yrs. He showed me a magnificent suite of casts of fossils from the Sewalik Hills, India, intended for our Academy.
Evening attended a soiree at the Lord Bishop of Norwich, № 38. Lower

Brooke St., Grosvenor Square. Hee is President of the Linnean Association. Introduced by Dr. Horsfield. Saw & introduced to Mr. Spence, Newport, Prof. Forbes, Mr. Foster, Gould, Thompson of Belfast,

&c.

generally fellows of the Lin. Assoc.

Sat. May 27 visited Mr. Goadby, & Topping from whom I got several objects. Delivered a note to Dr. Horsfield E. India House. This is her majesty's birth day. Bells chimed at different times during the day. Many houses beautifully illuminated in the evening in West End, more particularly the club houses about charing cross, &c. Seized the opportunity of seeing the Queen in her procession from Buckingham to St. James palace. was in a carriage with her consort & bowed graciously to the crowd as she passed. ~~Hire Tyg flight Lightings Peltyfo~~ ~~ftil faitfolie~~ at Temple Bar.

Sund. May 28. Took a short walk to Cannon St. to see the fragment of the London stone laid in the front wall of St. Swithin's church. Afternoon Dr. Horner & myself took the omnibus for Brentford to visit Mr. Wm Lawrence of Ealing Park. His place is a very splendid one, beautiful grounds, lawns, walks, grove, rockwork, ponds, fountains, statues, a fine garden, & conservatories. One of the last was fitted up like a tropical region, orchideæ, ferns, &c. with a number of parrots, &c. on perches. His house is large and handsome and richly & tastefully furnished: a large hall with vases & statuary, a magnificently furnished library. Dined at 6 o'clock, rich service of silver, excellent dinner, & best of wines: sherry, champaigne, perry, port, & claret. Mrs. Lawrence & 2 daughters, 2 other ladies, two gentlemen, Mr. L., Dr. Horner, & self present. Mrs. & Mr. L. pleasant manners. Mrs. L. superintends the whole management of the well conditioned grounds.

Mond. May 29. Visited the museum of Guy's Hospital. Have a fine collection of dry preparations of natural and morbid structures, and pathological specimens. Hint! macerate lung for bronch. ramifica. Called upon Dr Horsfield, E. India House & Mr Owen at Col. Surg., & at Brit. Museum. Afternoon at Mr. Goadby's, Mr. Kiernan present. To put up three square cells or capsules. Glasses both heated and prefed together with marine glue. Then preparation and fluid put in, and glass sealed on top with a composition of:

℞ Asphaltum and rub with camphene in a mortar to a stiffish paste. Japaner's gold size rubbed with lamp-black in same way. Then mix the two & add more cement to a proper consistence thinned if necessary with camphene. Paint the edges of the glass with this mixture. Called upon Dr. Bell & Lealand, № 4, Seymour Place, Euston Square, and

ordered a microscope as follows:

Stand & eye pieces, &c.	£17	11 6
Bull's eye condenser	1	0
Small " "		18
Steel disc		12
1 in. object Glass	3	3
" "	3	3
" "	4	4
1/4 " "	5	5
1/12 " "	9	9
Achromatic Condenser	5	5
Polarizing Apparatus	2	10
Micrometer Eye piece	4	4
Compound Stand	3	0
3 Simple Lenses for Comp. St.		18
Compressor		1
Animalcule cage		

Purchased a Covington lens, 18

Evening visited Mr. Rowebank's at
3 Highbury grove.

Tuesd. May 30 Dr. Horner & myself
visited Mr. Owen at R.C.S. Lincoln's
Inn fields.

visited Brit. museum bade them a
good bye. ~~Kept it by [illegible] of thirsty.~~
~~Hyde the Lidy for Berg. Stayed by~~
~~[illegible]~~
~~[illegible]~~
~~became [illegible]~~
~~[illegible]~~
~~[illegible]~~
~~[illegible]~~

Wed. May 31 Left London by Railway for Folkestone at 1½ o'clock and arrived at 5½ o'clock. In the evening we took the steamer from Folkestone to Boulogne. It took about 2 hrs. to cross the channel, being stormy almost all the cab in passengers were sea sick; this time I fortunately escaped. We remained all night at the Hotel des Bains. In the morning our passports and baggage

examined.

Thurs. June 1. Fete d'Ascension. Noticed women at Boulogne doing much of the work usually performed by men at home. Great place for fishing. Enormous gold ear-rings of some of the fish venders. 11½ o'clock took the railway for Paris. On the way noticed the houses of the peasants generally in groups, low, & thatched. Land neither divided by fence or hedge, but by a deep furrow, stakes or stones. Vast quantities of turf cut into square pieces the size of an ordinary brick on this route. Vineyards; vines running on stakes about 4 or 5 ft. high. Amongst the wild flowers the red poppy was conspicuous. As we approached Paris we noticed the marks of destruction of the railway stations by fire, &c., during the late revolution. Arrived at Paris in the evening - examination of passports

and baggage. Put up at Mrs. Mills, 13 ou 11 bis, Rue Neuve des Capucines, near the Place Vendome. Room & board "sur le premier étage 50f. le troisieme 40f." the week. The latter corresponding to our 5th story.

Frid. June 2nd. Went to Faubourg St. Germaine to see a student with Dr. Ferrar. Went to Galignani's. Walk along the Boulvards as far as the Place de la Bastille. Paris at present in a great state of confusion; Soldiers enough many more boys, to impoverish any nation; Population made up of blue smocks or blouses & soldiers dress.

Sat. June 3rd Visited Jardin des Plantes Left a letter of introduction for M. Milne Edwards. Walked about looking at the animals & plants. Met Mr. Fisher in the Garden, an American gentleman. Walked about in garden of Tuileries with Ferrar; Place de la Concorde, Champs Elysées, &c. Evening visited Mr. Fisher: an american

Sund. June 4. Business carried on in Paris as usual. no change from other days. visited M. Milne Edwards at the Jardin des Plantes. Afterwards went into the Cathedral of Notre Dame dans la Cité; into la Morgue where five were 2 bodies exposed among the dead by the former house. Took a walk in the evening as far as the Place Royal des marais. Election Day, Representatives

Mond. June 5 visited Dupuytren's Museum - a fine collection of pathological specimens, but badly put up in alcohol. Fine models of cutaneous, syphilitic & other diseases.
Musée d'Anatomie Comparée d'Ecole de Medicine. This is quite a fine collection - before visiting it more particularly, for study. Stopped in at Luquin's. Has a number of fine preparations for sale. Went to the Institute of France, by the invitation

M. Milne Edwards, to a sitting of the Academie des Sciences, 3 o'clock P. M. Introduced to M. Blanchard. Saw Arago, perpetual Secretary, Leverier, Dumas, &c. &c.

Tuesd. June 6. Evening went to a theatre at the Palais Royal.

Wed. June 7. Called upon M. Edwards at the Jardin. Introduced to M. Lauriliard who introduced me to M. Blainville. Visited the Musée d'anatomie comparée which appeared in a miserable state of repair. M. Laurillard very kind in his attention, apparently about 50 yrs., 4½ ft. high, with hair curled. Struck me in the museum of Anatomy that one of my undescribed fossils at home is allied to the Hippotamus.

1. Preparations of vascular system of different vertebrata.
2. Separates bones of head of fish, &c.

3. Dentition of fishes: Rays, Sgnalidæ, Salmo., Plectognathes, Scar., Acanthop., Cyprin., Pogonias.
4. Separate heads of birds.
5. Dentition of Mammalia:
Pachyderms, Ruminantia, &c. in different ages.
6. Heads of different orders in a line showing progressive development.
Members &c.
Vertebral column &c.
Ribs — — — &c.
Sterna — — — &c.

Visited M. Blanchard. Exhibited some his injections of insects, planaria &c. took me into the Zoological and Zoological galleries. Woman of Guadeloupe, &c. Fine models of Cuvier in Gothic, &c. which fit the minerals are in a new and splendid house.

Called upon Blanc, Rue d'Ecole

de Medecine, N° 22. to obtain a fine injecting syringe.
Evening went in company with Drs. Ferran & Papp-am to La Cirque dans les Champs Elysées.
Tuesday. June 8. Visited with Dr. Fer-
-ran Dr. Papp-am. a student from St. Louis, U.S. - went together to the Pantheon, a magnificent building containing copies of the Paintings of Raphael's in St. Peters at Rome. Three stories one within the other, the inner one with a splendid painting by Gros. Went into the extensive vaulted cemetery - saw the tombs of Voltaire, Rousseau &c. The latter having an appropriate emblem upon one side, one part of a broken door slightly ajar, and a hand protruded holding a flambeau. A most remarkable echo in one of the crypts "Echo, - resounds - distinctly

ment" A rattan stuck up on the wall exactly like a peal of artillery. Ascended the dome from which an extensive and very beautiful view of Paris is to be obtained. Afterwards visited Church St. Etienne du Mont one of oldest in Paris. Then took a stroll in the Jardin du Luxembourg and the botanical gardens attached thereto. Visited also the Sorbonne. I only recalled to mind to Day a matter of importance given to me by Mr. Watchouse while in London. It is that fossil remains, which are soft and readily disintegrated being taken out of the earth, are soaked in doubly boiled linseed oil, become almost as hard as they were originally.

Frid. June 9 Was employed with Mr. Hewitt visited le Salle des Séances, Rue des

Jardin des Plantes, Museum. First visit of course 2nd Conference in Museum court yard. The museum contains numerous fine pathologo-histological specimens and some beautiful injections of the hypogastrics.

Passed through Jardin des Plantes and went to musée de l'École de Medecine. Hints obtained as follows.

1. Schweinfurt green looks well in veins injected.

1. They have a number of papier mache models of structure of tissues.

2. Hoof of Horse nail & skin removed by maceration, exhibits well the papilla from which the nail grows. Wet.

3. Magnificent sections of bone teeth and some of the bones of the face.

Poumons de l'homme – inject. merc. des bronches pour montrer qu'elles terminent en cul-de-sacs legerement soufflés. Burggraves.

4. Vertebrae carved to represent the origin

inal epiphyses.

. Pelves of different ages from birth or earlier up to puberty or later.

. Extremities mounted, especially hands & feet. with all diaph's. & epiph's a short distance apart.

. Dental system of different animals and at different ages. Transverse sections of heads. piece sawed out exposing the the roots, and germs where they exist and reddening the surrounding cancelli.

. Skin of extremities turned inside out with cutaneous nerves dissected. Dict.

. Bones of small serpents, &c. arranged in order on a black ground answer well.

. Swan excellent subject to exhibit the trachea within the keel of the sternum.

. Incisors of horse at different ages to exhibit changes - 4 to 18 yrs. with intervals of a year.

. Nervous system of lower animals - Horse's
cop head, &c. of birds, &c. Dried & wet.
. Heart of Horse exhibits well the cardiac
nerves. Dried.
. Muscles, &c. of lower animals. Dried & wet.
. N. system of invertebr. esp. Crustacea.
. Papier maché models of nervous &
respiratory system of insects very use-
ful. Auzoux.
. Labyrinth and bones of ear in different
animals. Hyrtl's preparations of these
parts from 80 different mammalia in
2 gilt frames are exceedingly beautiful.
. Lachrymal gland injected with mer-
cury. Two preparations each with two duct
injected. dried.
. Spongy bones & structure of nose in
different animals.
. Magnificent injections of lymphatics. es-
pecially one of the lower extremity and
thoracic duct by Sappey 1847.
. Vaisseaux lymphatiques du Poumon

M. Giraldès. 1845. Appears first to be filled with injecting material, bronchia & vessels and then while quite moist, lymphatics, caught for between the lobuli. Dried.

. Injections of the veins of Breschet not of any great merit.

. Beaut. prep. of capil. of skin of head dissected given by Baron Larrey. Dried.

. Foetus of two months and half, the ovary umbil. continued directly with the iliac ext. - Wet.

. Anatom. charac. of the ovaries which precede and follow the periodical emission of the ovules in the cow. Wet by Dr. Raciborski - instructive.

. Prep. of Bladder showing origin of its muscular fibres from inside of pubis by M. A. Thompson.

. Portion of obliqui abdominis with tendinous fibres of one side detached and traced into muscular fibres of the other side - instructive - Wet. M. A. Thompson.

. do. of Pectorals & obliqui.
. Also in region of abdom. rings, covering of cord &c above pubis, &c. very instructive by Thompson. I think a little macerated and then just in weak alcohol before dissection.
. Muscles, in plaster, of man & lower animals, painted so well for study, & not expensive.
. Dissection of tendons & muscles in tail of cat - and prehensile tail of opossum.
. Dissection of muscles of lower animals dried & painted.
. Instructive preparation of cerebrum of one side sawed away. cerebellum & cerebellum of same side removed, and nerves traced from pons & medulla to their respective foramina - met.
- Evening took a walk down the Champs d'Elysées as far as the Arc de triomphe.
Spent evening afterwards at Mr. Fiske's, Rue Lavoisier.

Sat. June 10. visited M. Milne Edwards & M. Blanchard, Labratoire d'entomologie. in the Jardin des Plantes. Was introduced to M. Valenciennes & M. Quatrefages, and also the librarian -

Commenced studying the Entozoa, there being a very good collection in the Nat. Hist. Gal.

Evening visited Dr. J. Ferrar & Pappan Place du Pantheon, N° 1.

Sat. June 10

In the London institutions moist preparations are put up generallyby: Suspending the preparation by means of a thread to another passing round the neck of the jar, over this a piece of bladder, then tin foil, sheet lead, & lastly another piece of bladder. In France they are generally badly put up, the usual method being: to support the preparation by rods, plates &c. and then to cover with a glass plate, puttyed at the edges. In the

jars by varying this arrangement appears to have the corners cracked.

The Entozoa in the Galleries d'Histoire Naturelle du jardin des Plantes are put up in narrow, wide-based jars, with a glass plate covering, sealed at the edges with putty, and then covered by a piece of tinfoil. The backs of the glasses are painted black, by which the objects are much better seen, and labelled at the bottom. The animals are either fixed round rods, suspended to bulbs, and when very small but within a small tube or vial suspended from a bulb. The bulbs are bad, because the preparation does not remain steadily in the same position. I was struck with the thought that many of the smaller entozoa might be conveniently kept in bits of tube, sealed at the ends with marine glue.

Sund. June 11. In company with Drs. Ferrar & Pappan visited the Cemetière de Pere la Chaise. A beautiful place, chapels, urns, coffins, wreaths of immortelles, &c. Saw the tomb of Abelard and Heloisa, of Rey, Chanfsin, Gall, &c. Came in by the way of the Bariere du Throne, where there are two fine monuments, the bases of which were just undergoing repairs from the fire of the mobs in the late revolutions.

Mond. June 12. Visited Musée d'École de Medecine - Nerves of vertebrata. wet & dried: 5th of dog; n. sympt. of cat, &c. Lingual nerve of horse; &c. Brain with Spinal marrow of birds. Dr. Leidy makes a fine preparation with the brain & spinal marrow exposed and the nerves traced to the electric organs.
Dissection of bronchial ramification with the nerves d'un cheval - dried.
The very fine preparation of the lymphatics of the lower extremity, points out a favorable place for the pipe in the bottle

hollow just in front of the int. malleolus.
Thompson's Dissections. — Préparation montrant que le muscle droit est constitué par les muscles pectoral, grand et petit obliques
Afterwards strolled through many streets visited l'Eglise de St. Eustache a very antiquated gothic building. Paris in a state of ferment about Louis Napoleon Bonaparte, a large body of soldiery, national guard, guard mobile, & troops being ordered by l'Assemblée National to prevent a break up attroupements. In the evening visited Dr. Ferrand & Professor, Place du Panthéon, No 1.

Tuesd. June 13. Visited MM. Blanchard & Milne Edwards. Continued my study of the entozoa.

The large reptilia in the Jardin in the Nat. Hist. gal. are suspended from rods from the ceiling of the room upside downwards. It is a good plan of economizing. The crustacea are in

horizontal and vertical cases, those in the latter are placed on inclined shelves. M. de Blainville addressed a note to me desiring to see me. Recommended a sick friend at his request to Dr. LeConte N. Y.

It is often a question in america whether you can live cheaper in Europe than at home, and it is generally so regarded to be in France & Germany. In England all provision is high 18 cts. a lb. for beef, veal, &c. and the same is the case in Paris, how then can one live cheaper in Paris than at home. Several persons living here say they could live better and at the same time cheaper in England, and much more so — in America. Equally good fare and lodging will cost at least one third more in Paris than Philadelphia, excepting the wine which is so about half cheaper

in the former.

Wed. June 14 Study of Entozoa at Jardin des Plantes. According to engagement met Dr. Davison & Horner № 11, Rue des trois frères to see Mr. Gruby, a german settled here as physician. He exhibited to us a very thorough investigation into the anatomy of a filaria from the blood of the dog. He also showed us a pocket compound microscope of good power & construction, made by Brunner № 34, Rue des Bernardines for 1 francs. Promised to dine with M. G. to morrow. Afterwards visited the interior of La Madeline, with Dr. Horner, and this turned out to be the richest & most beautiful interior of any building I have ever yet seen. It contains a number of fine statues & paintings. Evening was visited by Dr. Ferran & Pappan.

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1 sous = 5 centimes; 2 sous = 1 decime;
¼ franc = 5 sous; ½ fr. 10 sous; 1 fr. = 20 s. = 100 c.;
2 fr. = 40 s.; 5 fr. = 100 s.; 1 Napoleon = 20 fr.

Thurs. June 15. Called upon Bruner & ordered one of Hare small microscopes for 160 fr. Visited M. Milne Edwards to see some work of his library. He told me he was now engaged in studying the fossil crustacines. Finished the study of the entozoa in the natural history gallery. On the way home, in Place Vendome, saw a man thrown simply backward from the Column of Napoleon, killed instantly. Dined at Palais national with Drs. Gurley, Davison, & Stones at cost of 30 fr.

Frid. June 16. Morning visited the Musée des Dessins, Galerie Espagnole, Collection Standish & Musée de la Marine a la Louvre. Afterwards called upon Ferran & Pappan & with them visited the Hotel de Cluny a curious old structure containing a splendid collection of French & Roman antiquities, carvings in wood, mosaic, curiously carved

furniture, tapestry, paintings &c. One piece of furniture was a curious old cabinet, composed of tortoise shell ebony inlaid with Mother of pearl, mosaic &c. A guard opened it and let us have a peep of the treasures within consisting of numerous beautiful paintings of the most beautiful object in nature. Also saw the Palais des Thermes, once the residence of the Emperor Julian & the Roman Government of Gaul. Stone coffins, baths, &c. Stopped at a "Preparer of Anatomical Preparations" Vaseur, No 14, Rue de la Sorbonne" makes them very cheap - pelves - 16 to 18 f. best wired human skeletons 125 f. Separated skulls 15 to 20 f. &c.

Sat. June 17 With Dr. H. called upon Vaseur. took 2 pelves & 2 foetal crania myself. Dr. H. took a number of preparations for the museum. Afterwards called upon Auzoux, Dr. No 2 Rue de l'Observance

Place de l'École de Médecine, to see his papier maché preparations. Then upon Guy Aimé, Préparateur d'anatomie Rue de l'Ecole de médecine N°4., afterwards at a very cheap book stand; Adolphe Delahays, N° 10 Rue Voltaire, près de l'Ecole de Méd. Edit. of Bichat's Anat. Gen. 1846, 3 vols. at 1 fr. a vol.; Meckel's Anat. Comp. 10 vols, 8o. 1826-34 1 fr per vol. In coming home stopped in the Eglise de St. Germain de Près. The oldest church in Paris, & it the slaughter of priests took place in the 1st. revolution. It is a large building and has a very splendid interior. In one of the private chapels are interred the tomb of Descartes, & of Boileau. Tomb in the church representative of the sufferings of Christ. Contains some beautiful statues of Saints, & a number of large and very fine paintings. The roof is supported by the Roman arch.

Sunday. June 18. Started by Railroad à
rive gauche to Versailles. Every part of
France which I have yet seen presents
a highly cultivated appearance, and
the fields at this season present a beau-
tiful appearance, Wheat, Vineyards,
strawberries, &c. &c. Versailles a beau-
tiful little town. The streets having
beautiful arched groves of Linden.
The Palace & Garden of Versailles for
beauty is beyond my powers of descrip-
tion. We walked for some hours through
the halls of magnificent large paintings,
statuary, &c. There are a great many
fine paintings representing the wars
of Napoleon some late ones of the wars
in Algiers painted by Horace Vernet.
In fact, with the exception of the portraits,
it may be considered as a gallery
of paintings of military life, or perpet-
ual warfare. Noticed among them
one representing Gens. Rochambeau &

Washington before the attack of Yorktown. The Chapel has an exceedingly rich appearance; the theatre magnificent, and the Salle à glaces or ball room, the most splendid room I have ever entered, it is several hundred ft. long, and cost 2.000.000 f. to decorate its interior. This palace is so extensive, that it is computed to be 7 m. through the rooms, halls, & up & down staircases. The grounds are of very great extent; in the time of Louis XIV they extended 24 leagues. The groves, walks, terraces, statues, vases, fountains, ponds, &c in this vast ground are innumerable, rich & magnificent. The figures of the fountains in many cases are colossal and made of bronze: Neptune tritons, nereids, &c. are seen sporting in the basins. The Royal Stables are of immense extent. We returned by railroad a nine days to Paris, &c.

Pappan having concluded to dine with me. France is like one large garden every thing marked out and laid down with nice precision. Went home with Pappan to see if Ferran had returned from his evening's debauch.

Mond. June 19. Called upon M. Brunet and then with Dr. Horner & Mc Kenzie called upon another microscope maker, M. Nachat No 1, Rue des Grands Augustins. Makes an instrument, same plan as Oberhäuser's. Improves the light by passing through a prism. On the way home stopped in the Church St. Roch, which contain a beautiful group of statuary, representing the burial of Christ. Evening took a walk along the Boulevards. This street is always crowded in the evening by gay & smiling people, making it look like a fair.

Tuesd. June 20. With Dr. Horner went to the Ecole de France, Place Cambrai, to visit M. Magendie's laboratoire. In-

troduced to Magendie and his assistant M. Bernard. The latter performed an interesting experiment in our presence. The lower part of the spinal marrow of a cat was laid bare so as to expose the roots of the sciatic nerves. An anterior root on each side was kept separate by a thread loop. Upon cutting the ant. root and making tension upon the cut extremity in connection with the spinal marrow no sensation was elicited, but upon drawing upon the cut extremity contraction took place with evident marks of sensation. This appeared as if the sensibility was destroyed by a reflex movement from the posterior root. Now upon suddenly dividing the posterior root, and taking hold of the two cut extremities detached from the spinal marrow. Drawing upon them no contraction or sensation could be produced. But,

upon drawing upon the cut extremity of the post. root in connection with the spinal marrow, instant contraction and strong marks of pain were evinced by the animal.† So that from this experiment, the theory of Sir Chas. Bell would appear incorrect and that the post. root transmits power from the spinal marrow reflected back by the anterior root. He also showed us a dog in which he had made a fistulous opening into the stomach. The animal was healthy and appeared to suffer no inconvenience from the presence of the cannula which was stopped by means of a cork. A piece of litmus paper dipped through the cannula showed a decided acid reaction of the juice. He also informed us of some observations on the

† M. Bernard permitted me to repeat the experiments in the different extremities, and with the same results.

use of the pancreatic juice, and thinks he has proved it to be useful in the digestion of fat. He mentioned that in the rabbit, in which the biliary & pancreatic ducts are a good distance from each other where they enter the duodenum, the chyle was perfectly limpid between the two but immediately after passing the latter, it becomes milky.

Afterwards called at Lüer instrument maker Rue de l'Ecole de Medecine, got a good pair of forceps from him. He makes excellent instruments.

Visited the Musée de l'Ecole des Mines, Rue d'Enfer, N°34. Have a very splendid collection of minerals arranged in five suites of cases, but have comparatively few organic remains, especially mammalian, of which there are a few fragments of Anoplo- & Palæotherium, Equus, Cervus, & Bos.

Wed. June 21st. Got up at 5½ o'clock, and went to Drs. Pappan & Ferrar. Place du Panteon. took a cup of coffee with them, intention visiting the Hospital St. Louis. On the way stopped a few minutes in Hotel Dieu, male & female wards; every thing looks clean and well conducted. Hopit. St. Louis. Faubourg St. Martin. A large Hospital, noticed a monument erected to Bichat in the Hall as I entered. Followed Cazenave through the wards containing cutaneous diseases, of which there were over a hundred males & females: many interesting cases, a case of Elephantiasis of the leg very large, in a female: molluscæ; &c. Afterwards listened to a lecture by the same on Dentitio and Chronic Ectema. Returned home, with Dr. Horner went to Ecole de France, to hear a lecture on physiology by M. Bernard. Subject gastric juice and its powers. Not capable of producing any change upon any saccharine, gummy or sugar, fat, &c., substances, excepting starting

starch granules & converting cane-into grape sugar. But it changes chemically nitrogenized substances by means of an organic substance pepsin derived from the mucous membr. Musc. of the stomach. The free acid is lactic.

Afterward spent the rest of the "free dinner" at Löer's instrument maker, looking at instruments.

Evening went with Dr. H. to hear Dr. Grady lecture. No . Subject, The animalcula found in the alimentary canal of animals. Different in different animals in number & species; the species [illegible] never always same in same animal.* More numerous in herbivorous than carnivorous animals. In fact hold the ratio the more herbiv. the greater the quantity, the more carniv. the less the quantity. Ox has seven species, sheep six, horse 6, cat 1, bear 1, &c. Found first in paunch of ruminants; in coecum of horse, &c. Not found in the young first nourished on milk but appear as

* Some are naked, others have a silicious carapace.

soon as they are rejectable food. Often form 1/50 of the nutritious matter of the food in the Ruminantia.

Afterwards spent an hour with Mr. Fisher.

Thursday, June 22nd. Jardin des Plantes: Studied in a general way the collection of Mammalian remains. They have not got more than half so good a collection as the British Museum. Very little appears to have been added since the days of Cuvier. Anoplotherium, Palæotherium, Dinotherium, Tapirus, Equus, Chimæra, two almost perfect skeletons of R. sylvilis, Cervus, Anthracotherium, &c. Have the original of F. amiloba from Brazil.

Have a magnificent collection of minerals. In the botanical museum I noticed a large & good collection of wax models of fungi.

Frid. June 23rd. Dr. H. and myself started in a cab for the École de France, but when we got in the Faubourg St. Germaine we found all the stores closed and when we got in the Rue de la Harpe, we were told we

could go no farther" on fait des barricades; une autre revolution, par les ouvriers." We then got out, walked along the Rue de Seine to Rue St. Sagues, but there found a barricade of stout stones, and a number of national guard approaching it towards us. We merely left our heads out, (rather worse than the ostrich) and soon saw the guard mount the barricade without resistance with cries of "vive la republique". But after they were half over, some difficulty occurred the others turned back, and we scampered off. Returning by the way of the Rue d'Ecole de medecine we found the Ecole and all other places closed. Meeting with Dr. Davison, we returned together by the way of Pont Neuf. Upon the Pont, 5 artificers one carrier at work at the side walls of the seine, where the day before there were several hundred. Shortly my companions & thought to go to the Place du Pantheon, but when I got in its vicinity

I found I could not get to it in any way, all the streets having barricades in them, composed of overturned wagons, barrels, paving stones, &c. La garde nationale & mobile & troops were marching in all directions. In the Rue des Grès I saw the garde mobile attack a barricade, mount it amidst loud cries, and commence demolishing it. Several shots were fired from neighboring houses, & as I was but about 100 yds. from the place I thought it safer to increase the distance. Returned to le rive droit de la fleuve. People much excited. Walked on the Boulevards in immense crowds. constant passing of large bodies of military; troops at full speed up the Boulevards. Barricades erected near Porte St. Martin & Denis, & thro' out the Faubourg St. Martin, &c. I could not approach the scene of conflict further than the C. Prisonniere. Heard firing, saw prisoners constantly taken by the military, and

several wounded soldiers brought from the fighting spot. Saw a small body of about 20 hab. guard disarmed & en route.
Mr. Robinson, a gentleman from the vicinity of Boston, and staying at Mrs. Mills, had to go from the Place de la Bastille outside the Barriers to avoid the barricades & return home. After dinner taking a walk together, saw a fine procession of about 20.000 soldiers on the Boulevards. Hear continued stories of massacres, wounded, &c. Fighting kept up all night. In the evening about 6 o'clock a very heavy rain took place, but it appears to have only dampened the emeutiers a very little while.

Sat. June 24th. Woke about 4½ o'clock by the sound of the firing of cannon which continued at greater or lesser intervals to my writing this (6 o'clock). Mr. Robinson, slept but little all night. I informed me he had heard the reports all night at irregular

intervals. 6 o'clock took a walk along the Boulevards as far as the Porte St. Denis, but could go no farther on account of the guard. The barricades which were here erected have been destroyed. The wood of them was burning, having served for bivouac fires. Streets of course full of troops. Porte St. Denis & neighboring houses present marks of numerous shots. Returned home City of Paris proclaimed under martial law. Gen Cavaignac appointed dictator for 48 hrs. by the Assemblée nationale. All the streets guarded. All access to the other side of the river cut off by guards. In the evening could not go farther than either extremity of the street we live in without being searched. Access to Place de la Concorde & Carousel stopped by guards. Firing of cannon heard at intervals all day in the directions of Faubourg St. Germain & St. Antoine. Pantheon & Ecole de droit taken possession of the insurgents, given

up. after a very obstinate resistance. Some Officers of National guards and Staff Killed. Reports of about 1000 persons killed on both sides, wounded included. After night could not pass the rues. Sentinels [illegible] whole of Paris, every five minutes crying "Sentinelles, prenez garde à vous! qui vive? the whole night. Cannonading heard all night.

Sund. June 25th. Still some cannon. shots heard. Streets all guarded, & every body searched in passing. Call on all persons to take arms. City whole day under martial law. Constantly carrying dead & wounded about. Cannon occasionally heard at a distance.

Mond. June 26th. No perceptible change yet. An uncle, Jacob Mellick, arrived in Paris. During the last night, to my astonishment this morning. The insurrection quelled by 3 o'clock in the afternoon. Report states that there is between 10 & 20.000 Killed & wounded in all. Went to Versailles but could not enter the Palace or Grounds.

Tuesd. June 27th Quiet once more restored in Paris. People generally bear anxious and melancholy countenances. Many valuable lives lost. Horible cruelties of the insurgents, murder, poisoning, savaging, &c. &c. All the Hospitals are crowded with wounded.

Wed. June 28th Stores once more opened. Streets crowded with the curious. Some of the Rues present marks of gun shot on all sides, especially in Faubourg St. Antoine. Some public buildings damaged. Pantheon not so much so as would have been supposed, from the fact that cannon were fired 50 times at the front door. Supposed that there must have been 1000 barricades. Commence looking after business once more. Evening visited Srs. Ferrar & Paffan, could not go to the house without being escorted by two soldiers. The whole Place du Pantheon occupied by [illegible] making it a bivouac.

Thur. June 29th. Visited Hotel Dieu. Roux & Blandin's wards. Contains 400 of the wounded. Excellent opportunity for studying gun-shot wounds. General plan of dressing: charpie with ointment, compress, roller; in amputation: adhesive strips, charpie in bandages spread with ointment, compress, roller. Some cases treated by irrigation. Their adhesive plaster sticks better than Ours and does not need warming but is said to disagree with patients from its more irritating nature. of the French Codex. Called upon Agnew & Bruner, Vapeurs, &c. with Dr. Horner on business. Called on Mr. Rush also. American minister, with Dr. Horner. Took a walk along Boulevards as far as Rue Faubourg St. Antoine. Boulevard du Temple, presents a military camp, being occupied by the troops & guards mobile.

Frid. June 30. Visited Hospital St. Louis. St. Roberts ward, has about 400 cases of the late gun-shot wounds. Noticed ~~that~~ in this neighborhood a number of the barricades still standing, on account of their size. Spent the greater part of the day in running about Paris, with Uncle Mellick and Mr. B. Lathrope, a gentleman from the neighborhood of Boston. To the Prefecture of Police to get Passport examined preparatory to leaving Paris.

Sat. July 1st. In the morning visited Hospital Necker with Dr. Horner & M. Lüer. Saw & introd. to Civiale. Looked in the Hosp. des Enfans Malades. After dinner went to Hosp. Quinze vingts, with Dr. H. & Mr. Fisher, to see Foucault, a blind man, who showed us several very ingenious instruments of his own invention for writing, by which the letters were made like those in ordinary use & blackened by contact with tracing paper and capable of being read by him from the sufficient roughness of the printing points.

~~Sund. July 2 Walked to St Roch to St Germain l'Auxerrois & the oldest of Paris Evening visited Mr. Fisher~~

~~Mond. July 3rd Visited with Dr Horner the military hospital Val de grace Mus~~

Sund. July 2. With Dr. Horner visited Dr. Civiale, who after conversing sometime on strictures of the urethra, took us to see an operation of Lithotrity, which he performed with skill. Afterwards went to l'église de St. Germain l'Auxerrois, near the Louvre. This one of the oldest in Paris & has some beautiful oak carvings, stained windows, &c. Evening spent at Mr. Fishers. Met Mr. Leyland of Philadelphia there.

Mond. July 3rd. Went to Hôpital du Val de grace, a military hospital; contains at present about 500 of the wounded from the late insurrection. Dr. Baudens chief surgeon. Saw several of the wounded officers & among them Gen. Duvivier.

who had his leg, a horse the thence amputated.
Mode of dressing the wounds: a rag with
small holes cut in it and pressed with
ungt first laid on, then plegjets of lint
with ungt, and upon this pieces of ice
so long as any heat exists in the part
being diminished or discontinued ac-
cordingly.

Tuesd. July 4th In company with Mr. Mellish
visited the church of St. Denis at St. Denis,
the sepulchral place of the Kings & princes
of France. Places of public amusement open
to day in Paris.

Wed. July 5th Wednesday morn. visited by Drs.
Pappam & Farrar & returned the same

Thurs. July 6th Funeral ceremonies in
honour of those who fell in repelling the
insurrection of June. An altar erected in
the place de la Concorde at which high mass
was held. about 600 priests in attendance.
Assembly, national & madaline. facades
& columns in front covered with black &

silver. A large curtain of black with an immense silver cross & numerous stars hung in front of Madaline. An immense funeral car. Place de la concorde full of troops, presented a very imposing appearance. Members of national assembly, ministers, judges &c. followed in procession before us to their seats near the altar. Beautiful Day, hot sun. Intention of the procession to pass along Bd. Boulevards & the colonne of July under which the dead were to be deposited but did not go further than Madaline because of the authorities having heard of the contraction of our imperial machine in the route &c. Evening visited Mr. Fisher. Also Moligny, very sensible, good kind of man, formerly a frequent visitor.

Frid. July 7th Day of funeral ceremonies of the Archevêque de Paris. Visited with Uncle the Bibliotheque nationale a very extensive library. Some steel

armour. collection of ancient seals, intaglios & cameos. Model of the Pyramids of Ghizeh. Salle des Zodiaque - a number of egyptian & other antiquities. amongst others the egyptian Zodiac. Afternoon paid another visit to la Louvre.

Saturday July 8th. Evening went to La Cirque - Champs Elysées.

Sunday, July 9th. Visited again the Palais versailles. Gallery of paintings. curious carved doors from an old hospital in Rhodes - Royal bedchamber - curious clocks. &c. On return stopped at St. Cloud. visited the palace, magnificent collection of Gobelin tapestry resembling the finest oil painting, most minute & beautiful table representing the Zodiac in mosaic. Some fine tables of the same forming chests in the Palace of Versailles. Fountains of St. Cloud in full play. one jet 150 ft. high.

Mond. July 10 Left Paris at 8½ o'clock for Bruxelles by way of Amiens by railway, and arrived at 7½ P.M. Put up at the Hotel de Bellevue, Place Royale.

Tuesd. July 11. Brussels a beautiful town containing about 80.000 inhabitants. Style of building french. Names of persons appear to be generally Dutch but speak french. Subdivided among Nobility & lower classes. The belgians dislike the french most cordially. Consists of about 4.000.000 inhabitants & have a standing army of about 65.000. Belgium highly cultivated. People entirely catholic, but dislike the jesuits. Visited the Park a very pretty place, but small. Visited l'eglise de Notre Dame de la Chapelle. which contain a curious carved oak pulpit. Then the Cathedral of St. Gudule, a magnificent & fine edifice which the porter told us was com-

menced by Philip the Fair of France. Upper town not so handsome as the lower. Left Bruxelles at 4 P.M. by railway for Liege. Arrived at 8 P.M. Put up at the Hotel de Suede. Liege contains about 70.000 inhabitants. Wednesd. July 12. Left Liege at 8 A.M. by railway for Aix la Chapelle. Arrived at 10 A.M. Put up at the Hotel de Nassau. Aix la Chapelle contains about 40.000 inhabitants. Visited the Cathedral, which contains the tomb of Charlemagne. Left Aix la Chapelle at 2 P.M. by railway for Cologne. Arrived at 4 P.M. Put up at the Hotel de Cologne. Cologne contains about 80.000 inhabitants. Visited the Cathedral, which is a magnificent building, but unfinished. Left Cologne at 6 P.M. by railway for Bonn. Arrived at 7 P.M. Put up at the Hotel de Cologne. Bonn contains about 20.000 inhabitants. Thursd. July 13. Left Bonn at 8 A.M. by railway for Coblentz. Arrived at 10 A.M. Put up at the Hotel de Trier. Coblentz contains about 20.000 inhabitants. Left Coblentz at 2 P.M. by railway for Mayence. Arrived at 6 P.M. Put up at the Hotel de Cologne. Mayence contains about 40.000 inhabitants. Left Mayence at 8 P.M. by railway for Frankfort. Arrived at 9 P.M. Put up at the Hotel de Russie. Frankfort contains about 60.000 inhabitants. Fridy. July 14. Left Frankfort at 8 A.M. by railway for Hanau. Arrived at 9 A.M. Put up at the Hotel de Prusse. Hanau contains about 20.000 inhabitants. Left Hanau at 2 P.M. by railway for Aschaffenburg. Arrived at 4 P.M. Put up at the Hotel de Prusse. Aschaffenburg contains about 10.000 inhabitants. Left Aschaffenburg at 6 P.M. by railway for Wurtzburg. Arrived at 8 P.M. Put up at the Hotel de Russie. Wurtzburg contains about 30.000 inhabitants. Saturd. July 15. Left Wurtzburg at 8 A.M. by railway for Bamberg. Arrived at 12 A.M. Put up at the Hotel de Russie. Bamberg contains about 30.000 inhabitants. Left Bamberg at 2 P.M. by railway for Nuremberg. Arrived at 6 P.M. Put up at the Hotel de Russie. Nuremberg contains about 50.000 inhabitants. Left Nuremberg at 8 P.M. by railway for Furth. Arrived at 9 P.M. Put up at the Hotel de Russie. Furth contains about 20.000 inhabitants. Sunday July 16. Left Furth at 8 A.M. by railway for Ratisbon. Arrived at 12 A.M. Put up at the Hotel de Russie. Ratisbon contains about 30.000 inhabitants. Left Ratisbon at 2 P.M. by railway for Passau. Arrived at 6 P.M. Put up at the Hotel de Russie. Passau contains about 10.000 inhabitants. Left Passau at 8 P.M. by railway for Linz. Arrived at 9 P.M. Put up at the Hotel de Russie. Linz contains about 30.000 inhabitants. Monday July 17. Left Linz at 8 A.M. by railway for Vienna. Arrived at 12 A.M. Put up at the Hotel de Russie. Vienna contains about 300.000 inhabitants.

menced in 1010. Contains a remarkable carved pulpit, of oak, representing Adam & Eve, the serpent, &c. See Murray. The priest related to us the miracle mentioned in Murray and said a procession was to be held on the next sunday in honour of it. He also said he had always found an invocation of the St. Sacrement for miracles a sure method of obtaining all he wanted if it was good for him, & had never failed from the time he was 10 yrs. of age. He said the procession was still kept up because the people would not be content without it. Visited the manufactory of Lace, the beautiful palace d'Arenberg, its gallery of paintings, its library, chambers, &c. & the library saw the head of Laocoon, &c. Visited Hotel de Ville, has a beautiful gothic tower 364 ft. high. Contains some fine Flemish & gobelin tapestry. Keys of Brussels. Abdication of Chas. V in H. de ville. Exhibition of Arts & manufactories. &c. Left here to Brussels this morning & in

our traveling companion. Went to Mr. Clemson's, American Charge des Affaires & took tea with him. Mrs. Clemson - Daughter of Hon C. Calhoun, an interesting & very pleasing lady. Board & lodging 9½-fr. per diem.

Wed. July 12. Left Brussels 7½ in the morning by railway for Aix la Chapelle. On the route passed through a rich and highly cultivated country and by many villages. Arrived at Aix 2½ P.M. Baggage & passport examined by Prussian officers. Looked at the Rathhaus an old building. Visited the Dom Kirche, a very old church, & saw the various relics & curiosities of its interior which are sufficiently well described in Murray. The throne on it is called of Charlemagne appears to be much, but only a portion of the back can be seen. The extremities being hidden in a shrine like - affair. A tibia is also shown of him, which is quite a large one. The priest said he was 7 ft. 2 in. Visited the Elisenbrunnen. Stroll

impregnates with sulph. temp 43° R. Then the Source de l'Empereur. A public gaming house. Walked in the Boulevard, outside the barriere. Left Aix 6½ for Cologne, where we arrive in a few hours. Cologne a strongly fortified town. Put up at the Germanischen Hof, I mean the cathedral Thurs. July 13. Visited the Cathedral, an immense structure. See Murray. Church of St. Peter; of St. Ursula; of the Jesuits; see house where Rubens was born, Rathhaus &c. ~~Excellent~~

Fri. July 14. Left Cologne by railway for Bonn. Bonn up the Rhine by Steamboat. A prussian military band of music on board, played some excellent pieces. Beautiful scenery of the Rhine, far finer than any of any I have ever seen. Picturesque ruins, Drachenfelstein, Vineyards, &c. Left Steamboat at Mayence. Visited Cathedral a very large & ancient structure, built of [illegible] stone; inside of interest. See Murray. Left for Frankfort am Maine, arrived

about 8½ o'clock. Put up at Würtemberg Hotel.
Sat. July 15. Morning visited the Diet a National Sammlung which is in session at present, at Paulskirche. Afterwards took a stroll through the town, remarked the curious old houses with their projecting gables. Left Frankfort at 12 o'clock by railway to Darmstadt. The latter a beautiful town. Visited D. G. Kaup who took me to see Klipstein, who has a very splendid collection of organic remains of mammalia, principally from the vicinity of the Rhine: Dorcatherium, Halytherium, Deinotherium, Rhinoceros, &c. Offers for sale 4352 pieces of 101 species for £250. Then went with M. Kaup to museum in Schloss Some good fossils - lower jaw of Deinotherium, &c. An excellent gallery of paintings: original Venus by Titian, &c. Rembrandt, Van Dyke, Rubens, &c. 4 o'clock left Darmstadt by railway to Heidelberg. Vegetation, fine scenery, vineyards.

Arrived at Heidelberg at 6 o'clock & put up at the Prinz Carl Hof. Called to see Tiedemann, found he had gone to Bremen - Bischoff to Giessen, Henle also away.

Sund. July 16. Took a stroll through the town. Visited the extensive & magnificent ruin of Heidelberg Castle. Heidelberg Jaspis, &c. See description. Afternoon 4½ o'clock left Heidelberg by Railway to Baden-Baden, passed through a beautiful country, and arrived at 7½ o'clock. Put up at Zahringer Hof, at recommendation of a Lady, apparently young, whom we met in the cars. At supper from conversation with her, found her to be truly the most philosophical Lady I ever met with. She is travelling alone, and as I understood from a Mr. Reed whom we lately met, she purposes going to Italy - speaks French very well, & Mr. R. says Italian, & understands German. After supper visited the bank a splendid gambling establishment, in which they were playing roulette & rouge et noire.

Mond. July 17. In company with Dr. H; Epper; Mr. Reed; & young Lady, visited the cathedral church of Baden, contain some old & fine monuments & pieces of sculpture; visited some Roman antiquities found in the neighborhood; the hot springs & baths. Drs new Schloss, at present occupied by the Margrave of Baden, a splendid suite of rooms, beneath it still remain the dungeons of the secret tribunal or Vehmes Gericht, which we examined with much interest. Afterwards visited the alte schloss, which is an interesting ruin, & from it we obtained a magnificent view. After dinner strolled on the Promenade in the Lane, &c.

Tuesd. July 18. Left Baden Baden at 9 o'clock by railway to Kehl, left our baggage there & visited Strasburg. Visited Munster cathedral, saw the curious clock, visited St. Thomas' Church, munificent Crody of Count of Nassau

+ Dampfer 400 yrs. old very curious; Monument of Marschall de Saxe. Visited Museum of Gutenberg. Jacoa is interesting, american constitution, &c. — Restaurant Burgunderwein, Pate de fois gras. Visited cannon foundry. Returned to Kehl. from Kehl by railway to Freiburg. put up at Zähringer Hof. 1 Rd. July 19. Confined to house all day with Rheumatism. Evening splendid band of 36 mil. musicians exercised before the door for an 1½ hour.

Thurs. July 20. Visited the anatomical museum of the Univ. of Freiburg. Preparations showing remains of Wolffian body in male & female, discovered by Prof. Gobelt of this place. visited Prof. Th. von Siebold. has a fine collection of Entozoa. Took a private carriage to go through the Höllenthal & the Schwarzwälder. very wild glen. dined at first post, Höllenstein. excellent dinner. with wine only 2 fr. a piece. Evening took Silhouettes to Schaffhausen

arrived at 3. o'clock in the morning. Eat breakfast and
Frid. July 21. took steamboat up the Rhine and Lake Constance by Constance to Lindau. On the way stopped at Constance and visited the Cathedral and old Rath Haus in which latter are kept a number of antiquities roman & Celtic, figures of Huss, &c. Stopped at another small town Rohrsac?
Arrived at Lindau in the evening, took supper at Die Sonne, then took the Eilwagen travelled all night towards Kaufbeuren at which we arrived the next day at noon.
Sat. July 22. Some beautiful scenery on the way to Kaufbeuren, Bavarian mountains, some seen with sheets of snow glittering in the sun light. Took dinner at Die Sonne. Kaufbeuren a curious looking old town, visited its cathedral, & part of its ancient wall, of which the inhabitants could give

no no information, at least 800 yrs. old, 2 of the watch towers still remaining. 4½ o'clock took railway Guay of Augsburg for Munich where we arrived at 9 o'clock. Put up at the Hotel Manlick.

Sund. July 23. Visited the cathedral an immense brick pile. Passed the Palace where was a military band serenading before it. Near Barracks saw review of military. Went into Kunst verein & saw a number of beautiful paintings. Church of St. Kajetan, beautiful interior. In two of the side chapels beneath the altar, old Electors adorned with gold & jewels, one of St. Candidus, the other St. Gregorius. Afternoon walked in the Park, visited english garten where was music, beer drinking, & dancing of the peasantry & lower classes. A number of fine statues & fountains in many places throughout the city.

Mond. July 24. Took a carriage & guide & see the wonders of Munich. 1st. Museum Brasiliensis, where is a magnificent collection of antiques from all parts of the world. Models of ruins in Rome, Greece, & other places in cork beautifully executed; a very fine one representing the ruins of Heidelberg castle. Magnificent collection of carvings in ivory, cameos, chinese paintings, &c. 2d. Visited gallery of paintings which is very rich in productions of masters, also a collection of paintings on porcelain made at Munich. Visited Anatomical museum. After dinner visited Royal palace. Splendid suite of rooms, magnificent marbles of various colors used in construction. Two rooms filled with portraits of beautiful women, among them the countess Lanzfeldt or Lola montez. Floors of mosaic wood. Throne saloon

with large metallic statues. Splendid vase of malachite presented by emperor of Russia, &c. Took a ride in the park. visited Church of Mary Secours in enterlas, has beautiful windows of painted glass made at Munich. Evening a torch light procession being a student's funeral.

Lucerne. July 25. Visited the Glyptothek a splendid collection of ancient statuary, and a few modern - a Venus & an Adonis by Canova, an by Thorwaldsen, &c. afterwards visited Collection of Natural History. A most magnificent collection of Mammalian & Other fossil remains - several species of Pterodactylus, especially longirostris. Insects, & crustacea in Solenhofen slate most exquisite, altogether the most unique collection I have ever seen. Dr. Andreas Wagner conservator. Went into Botanical garden. Visited Hospital everything conducted with greater nicety than any I have ever seen. The Sisters of Charity an excellent order

show here a useful hand. Visited the Bibliothek containing upwards of 800.000 vols. Evening at 10 o'clock left Munich by Eilwagen for Regensburg. In the morning July 26 Wed. arrived at Landshut, here we peeped into its immense cathedral where were about 600 assembled at worship at 5½ o'clock A.M. the church is of brick, tower 400 ft. high. Arrived in Regensburg at 10 o'clock put up at Goldenen Kreutz. After dinner visited old Rath Hause, chambers for statesmen & peers, the latter hung with tapestry some of which is 500 yrs. old. below it are some of the dungeons & chambers of the inquisition still in existence; the judges stool, screen, rack, thumb screws &c. still exist & are exhibited. A deep pit with an iron grating & several pieces were shown to us. Visited the Cathedral. Took a carriage & went to Walhalla

passes mountains. Donaustauf on the way, on the Danube. Walhalla a most magnificent monumental structure to the great men of Germany, built by Ludwig I. Contains magnificent collection of marble busts, & 6 statues of Victory in different positions.

Evening Thurs. 27. Left Regensburg at 5 o'clock by steamboat down the Danube for Linz where we arrive at 7 o'clock in the evening. Put up at Gasthof zum Erzherzog Karl. On the way passed by much picturesque & beautiful scenery, especially Passau & its fortress on the opposite bank. Evening took a stroll through the town.

July, Frid. 28. Left Linz at 7 o'clock by steamboat down the Danube for Wien. Much very beautiful scenery on the route, wild passes, valleys, old ruins, magnificent convents, &c. &c. Arrived in Wien about 4 o'clock. Put

up at Gasthaus zur Stadt Frankfurt, Seilers gasse in the city. Took a stroll through the town.

Sat. July 29. Visited with Dr. H. the american minister Mr. Stiles, then went to Algameine Krankenhaus. In afternoon visited Dr. Ignat. Heger at the latter, two sisters intelligent both speaking french & english. Saw Canova's statuary, of Hector killing a centaur, in Volks garten. Vienna in somewhat unsettled state; about freedom, &c.

Sund. July 30th. Algameines Krankenhaus. Post. mortem examinations by the assistant of Dr. Rokitanski. very interesting & expertly made.* Evening visited Volks garten & Paradis garten.

Mond. July 31st. Alg. Krankhaus. Introduced to Dr. Rokitanski. Augen-Klinik in ward of Prof. Rosas. His assistant an intelligent man. showed us

* Anton Dotter, Anatom. Diener. Has been in service 23 years in which time he has made 43.979 post mortem examinations.

a number of beautiful wet preparations of diseases of the eye made by Hofmeyer. Also some fine nervous + vascular preparations by Hyrtl + Gruby. Injection of central artery of Retina and posterior part of capsule of lens. Beautiful injection of membrana pupillaris by Wagner. Dissection of nerves + injection of reptiles & birds in alcohol. Visited Foundling Hospital - a surprising + interesting nursery. Dined with Heyer family.

Tuesd. August 1st. Lodenhaus at Alg. Krankenhaus. Naturalien Cabinet, at Burg. Dr. Diesing - Splendid collection of Entozoa. Evening went to Hof-oper - opera of Martha. a beautiful opera + excellent singing -

Wed. Aug. 2nd Dr. Rokitanski exhibited to us part of the pathological collection at the Krankenhaus but belonging to University. Afternoon went to museum of the University. Saw preparations of Purchaska, Barth, Lei-

Leukuhn & Berres. Hyrtl out of town, saw but little of him. His mistress which we saw all engaged of turpentine & oil. Assistant says all fine injections made with the material warm. Some fine nerve dissections; and lately the of ear found.

Thurs. Aug. 3rd. Pathalog. museum at Algam. Krankenhaus, exhibited partly by Dr. L. Rokitanski. Evening "Im Hofgrist das Finzers."

Frid. Aug. 4th. Todtenhaus. ~~Mineralien Cab.~~ ~~a rich collection of minerals~~ Visited Weissing. at naturalien Cabinet. Have a fine collection of colored drawings of anatomy of Entozoa. ~~Evening~~

Sat. Aug. 5th. Todtenhaus. Visited the Mineralien Cabinet a magnificent collection of minerals, but few fossils, some fragments of Acanthotherium. lower jaw of A. minutum portion of do. of A. incisivum — Hippotherium, Bos, Equus, & Elephas. Afternoon in the

Dr. Horner visited the Imperial place of the Imperial family since 1618, in the Convent Kapuziner, Neue Markt. Shape The Sarcophagi are all of metal, and many of them of exceeding magnificence. Afterwards took a walk on bastions — ~~Liebenstiftskirche~~.

Sunday, Aug. 6th Festival of National Guard, grand review of, on Glacis. 10 o'clock, Dr. Eppes and I went with Mr. Dr. Hager to Kahlenberg, where we found his sisters & mother. & were received with the greatest hospitality. Magnificent view of the surrounding country, the Danube, Vienna, many villages, ranges, of mountains of Hungary & Bohemia & Styria. Went on Horseback to Leopoldsberg, where was another magnificent and extensive view, the convent of Mölk, &c. Splendid dinner.

music, dancing & singing, arrive home in private carriage about 11 o'clock.

Mond. Aug. 7. ~~[illegible]~~

Tuesd. Aug. 8. visited collection of Antiquities - Gallery of pictures at Belvidere, which contains many master pieces. —

Wed. Aug. 9. Hospital. Bid good bye to the family of Hagens, went with Dr. Hagen to the Josephinum, have a magnificent museum of anatomical preparation, in wax. - Preparations for departure. visited Dr. Diesing at Nat. Cabinet. Left by Railway at 7½ o'clock by way of Breslau to Berlin, travelled day & night, without incident worth relating, until we arrived at Berlin:

Frid. Aug. 11 at 6 o'clock A. M. & put up at the Hotel Brandenburg. Took a ride through the Thier-

Garten. Walked through the town to see the various public buildings. Evening called on Prof. Joh. Müller & Bantiamstrasse - went to the Hofopern - Opera Der Maures.

Sat. Aug. 12 Long walk through the town, adventure with a Gambler, "suck in" on his part. Visited Anat. museum in Universitats Gebäude. Boasts politeness of Berlinese. Visited Bilden & Säule galleries on Linst Garten. Fine large granite basin. After dinner took a walk through the town.

Sund. Aug. 13. Called upon Prof. Müller, & went with him to visit the mineralogical, Palaeontological & Zoological Cabinets. Afternoon & Eve went to Potsdam - Sans-Souci - Gardens - Bilden Gallerie - Neue Palais - Hall of Shells - Neptune's Grotto. Hof Kirche - Sarcophagi of Fred. Wilh. I black marble, Frederick II the great in one of Zinc. Sans-Souci small but really beautiful.

Mond. Aug. 14. Called upon Prof. Müller, visited Picture gallery again in the afternoon visited the "new Hospital".
Tuesd. Aug. 15. Left Berlin at 7 h. o'clock by Railway for Hamburg, where we arrived about 3 h. o'clock. Took dinner at Streit's Hotel on Jungfernstieg. Took a ride through the town, visited Altona by Hamburg belonging to Denmark. Saw Klopstock's burying place. Evening went on board the steam Packet Caledonia, bound for London. Sett off 2 o'clock
Wed. Aug. 16. In morning retired past the Danish fleet block Kading Hamburg of Holsteinland. at mouth of Elbe.
Frid. Aug. 18. Arrived in London, in the Thames opposite the Tower. put up at Randall's - King St. Cheapside. Called at British Museum to see friends there. Called to see Mr. Beck & Brewster. Uncle Jacob Wellisch arrived in the evening.

Sat. London.

Sund. Aug. 20. Went to Westminster abbey - Parliament House, &c.

Mond. Aug. 21 British Museum - met Mr. Kamp of Darmstadt there -- Met Mr. Gliddon - Evening at Castle Keys - Hotel near Bank.

Tuesd. Aug. 22 - Visited Windsor Castle - Evening Vauxhall

Thurs. Aug 24 Left London by way of Birmingham & railway for Liverpool where we arrived in the evening - Put up at Queen's Hotel Lime St. where they put on good charges for moderate fare.

Frid. Aug. 25 Left Liverpool for Edinburg where we arrived about 2 o'clock.

Sat. Aug 26. Put up at Hotel Black Bull, Leith St. opposite Calton Hill, in view from my window. Sick all day with neuralgia.

Sund. Aug. 27. In company with Dr. Smart, who has been travelling with us since we left London. Ascended to top of Calton Hill — to the Scotts monument, Hamilton, Burns, &c. Edinburg Castle. Ascended to top of cliffs — Dined with Mr. Goodsir. Prof. Bennett present. Evening called upon Dr. Geo. S. Wood of Phil.

Mond. Aug. 28. With Prof. Bennett & Mr. Goodsir, Dr. Horner, Smart & myself went to University, Statue of Burns in Library, 120 000 vols. Nat. Hist collection. Left Edinburg by Railroad for Glasgow. Then to Ardrossen where we took the steamboat for Belfast and arrived

Tuesd. Aug. 29. Railroad from Belfast to Portadown — Outside of stage coach as far as Drogheda Then

railway again to Dublin - Extreme poverty of inhabitants en route, erection of tenements. Huts turf - fear of failure of potato crop. In Dublin put up at - - -

Diary of a second trip to Europe, made in Company with Dr. G. B. Wood, in the summer of 1850.

Tuesd. June 4th 1850. Left Phila. via 9 o' clock train to New York. Dr. A. H. Smith in company with us. Placed our baggage on Europa lying at Jersey City and then passed on to N. Y. and put up at the Astor House; accomodations poor.

Wed. June 5. Set sail per steam-ship, Europa, Capt. Lott, at 12 o'clock for Liverpool. Among passengers on board from Philad^a were Mr. John Gay Smith, Dr. A. H. Smith, Mr. Trott, Mr. Cleveland &c.

Fri. June 7, afternoon arrived at Halifax, N. S. Went on shore for an hour. Set sail again in the evening. Passed off the banks of Newfoundland

which continued until Mond. following.
After a voyage without accident, we sailed, and but moderate sea-sick-ness, we arrived at Liverpool on Sund. June 16th at 8 o'clock A.M.; having a passage from N.Y. to L. of 10¾ days, the shortest ever made up to the present time. Put up at the Adelphi. After lunch took a stroll to Docks, Custom House, Exchange; there is a fine bronze monument in memory of Nelson, St. George's Hall, a Grave yard where bodies are closely packed, etc.
Mond. took an afternoon ride through Prince's Park.
Tuesd. June. 18. Left Liverpool per express railway to Birmingham; lunched at station. Took a drive through the town to an acquaintance of Dr. W. Drove of geese & ducks. 2½ o'clock took cars to Spetchley station, then a "Fly" to the town of Worcester, distance about 4 miles. Put

up at the Star & Garter. Took a stroll through the town which has an old appearance, neat, clean & pretty homes all arranged principally upon one street. Visited an old abbey & Cathedral, presenting a decaying appearance the former ruined, the latter still in use, the whole well preserved. Formerly the abbey of St. Peter. Evening visited by Dr. Hastings of this town, who formerly made some Micr-phys. researches on Inflammation. Informed me that he used the microscope in this art of investigation as long ago as 1816.

Wednesday June 19 Posted in an open carriage with two horses to Banbury a distance of 44 miles, passing through a rich fertile country. Past at Evesham. While getting horses rambled around to see remains of an old abbey, and felt pained in

showing his small but neat garden.
The fat hostler in breeches changed our
baggage & we moved on to a small
town called Shipston, where we again
changed horses & then proceeded to Banbury.
The way passed through several villages,
the houses being usually low of one story
with thatch or tiled roofs. Worcester,
Evesham on the Avon pronounced here
Ev'sham, Shipston, & Banbury all appear-
ed to be old towns. They are all clean; the
people polite & honest. At Banbury
took the railway to Bletchley station
and thence to London where we
arrived in the evening and put up at
the Brunswick Hotel, Princes St.,
Hannover Square.
Thurs. 9 mo. 20. Called upon Mr. Kiernan,
30 Manchester St. M. Sq. after-
wards upon Messrs Powell & Leatham, also
upon Mr. Brewster. Dined at
4 & after dinner took a ride to

Ettingham, a village a few miles from London.

Fr. June 21. Paroxysm of Intermittent.

Sat. June 22. Morning called upon Smith & Beck, Opticians, No 6, Coleman St. City - ordered one of the best microscopes - Afternoon unwell. Evening called upon Mr. Thiernan -

Sund. June 23. Not yet well, but took a walk through Hyde Park, notwithstanding. Towards evening took a ~~—~~ walk as far as Westminster Abbey & New House of Parliament.

Mond. June 24. Morning visited with Dr. Wood the Museum of University College, where one finds a good collection of wax models of pathological specimens, made by Mr. Tuson. Or the walls are hung the Drawings of Cruikshank. Afterwards visited Mr. Walsh, dean of the Medical Faculty of Univ.

College. Afterwards went to see the wax preparations of Skin Diseases in Guy's Hospital, which are exceedingly natural in appearance. Thence visited the British Museum some particularly to inspect the remains recently explored obtained at Nineveh by Mr Layard. Dr. Copland paid us a visit. Afternoon Dined with Mr. Smith at Chapman's, Bookseller, on the Strand. Dr. E. Sergeant was present, the Author of Evenings at a Sculptor, etc. After tea returned home.

Sa. Jan. 25. Visited again Museum of University College. Alone again to Smith & Beck. Museum of King's College, Strand. Met there Dr. Thos. Miller, Prof. of Chemistry of said College. Afterwards went out to his country residence to dine. Family consisted of wife

& two children Father & Mother.
Spent with them a very pleasant
evening.

Sun. 26 Dined with Dr. Hodgkin. Dr.
Sibson present.

Thurs. Jan. 27 Called upon Dr. Sibson
who exhibited to us numerous diagrams
of the varied position of the viscera in
disease. Afterwards went with him
to St. George's Hospital, where we saw
a patient who vomited a clear fluid
a portion of which being placed beneath
the microscope exhibited to us beautifully
the Sarcina ventriculi. The fluid
which had been standing some time
was fermenting & also presented the
Yeast plant. Evening called upon
Mr. Lowe the artist of Guy's Hospital.
He is £250 for 80 Quarto. in wax of cutaneous
affections, £12. each for 77 of the
Series.

Friday June 28 Paid a visit to acquain-
tances at British Museum. Saw Mr.

Gray, Mr. Mitchell Sec. Zool. Soc., Mr. Bennett, Sec. Lin. Soc., Mr. Adam White, Mr. Waterhouse, Mr. Robt. Brown, Mr. Dallas, studying Insects Mr. Gosse studying Rotiferæ, & Mr. Birch. Afterwards with Dr. W. visited the Zoological Gardens to see the Hippopotamus - They have 3 Giraffes, 2 Seals, 2 Rhinoceras. some splendid serpents; an enormous Python from Africa. Dined with Dr. Copland present guests: Mr. Sc[illegible], Marshall & Wife, Mr. Norval, and Dr. C. two nieces, one of them was a charming, intelligent lady.

Sat. June 29. Paid a visit to Mr. Owen at the R. Col. of Surgeons. Returned visit Mr. Luckett, who is now engaged in making out a descrip. Cat. of the Histolog. Series of the Hunterian Collection. Evening attended the Italian Opera Covent Garden Piece entitled Les Huguenots. Principal Part by Grisi. During performance the Queen & the Prince entered, and in consequence of having met with an accident two days previously, the people shewed their sympathy

[illegible] by singing [illegible] The Queen. The whole stage company appeared & the song with the [illegible] title was sung.

Sun. Jun. 30 We took a ride in our carriage to Greenwich and took a walk through the Park & Hospital. In latter visited gallery of Paintings. Pensioners of the navy appear to be comfortable dress in coarse blue cloth with tricocked hats. Evening had Mr. G.J. Smith & Dr. Sergeant of Philadelphia to dine with us.

Mond. July 1.* Attended to Business.

Saw at British museum Mr. Gray & Mr. Westwood; afterwards went to residence of Mrs. Adam White. Evening went to Haymarket Theatre. Piece acted; the title: "None but the brave deserve the fair". after piece - Burlesque La! Tempest! ha!

Tuesd. July 2 Morning attended to Business. called upon Mr. Carpenter No 6 Regent

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* Breakfasted with Mr. Sulivan.

Park Terrace. Engaged with a new edition of his Comp. Physiology, also in study of structure of nummulites. Afternoon Dr. W. called upon Mr. Pereira. Visited with Dr. W. Sir H. T. La Beche at the Museum of Economic Geology. Nucleus of a fine collection. Mentioned incidentally that vulcanized india rubber under feet of scales destroyed vibration, which may be applied to microscope. Mentioned mode of colouring agates; Material of englishi: Brass & gypsum; Etc. Letter from Home dated June 14th —

Wed. July 3. Mama left London via railway express line for Southampton, distance 80 miles, over which we passed in 1 3/4 hours. Put up at Dolphin Hotel, High Street. Took a walk through the town. 1/4 to 12 we entered a steamer bound for Havre where we arrived at 9 o'clock

Thurs. July 4th. Put up at Hotel de l'Europe. After breakfast took a walk up Hill from which a beautiful view

of the harbour & town. 4 P.M. left Havre via Railway for Rouen where we arrived in the evening & put up at Hotel d'Angleterre. Evening took a stroll through the town. Streets narrow dirty, Houses high and old.

Fri. Jul. 5. Visited monument of Jean d'Arc and old parliament house opposite in which she was tried by the English & condemned to be burned as a witch. Then old Palais de Justice; in one room a remarkable ceiling in oak. Then Abbey church of St. Ouin; Church St. Maclou. Cathedral of Rouen magnificent gothic structure, burial place of heart of Richard Coeur de Lion & Duke of Bedford. Bronze statue of Pucelle. Ate Pork on the bridge. Soon 1/4 o'clock left Rouen via railway for Paris where we arrived at 4 1/2 o'clock and put up at Hotel Meurice, Rue Rivoli.

Sat. July 6. After mass visited a small cemetery, called Picpus, within the walls of the Convent of the Dames du Sacré Coeur, Rue Picpus, № 15, in which is the tomb of Lafayette.

Sund. July 7. Visited Versailles. (Letter)

ning visited by Dr. Power of Baltimore.

Mon. July 8. Musée of modern Art at the Palais du Luxembourg. Evening at the Theatre Francaise.

Tues. Jul. 9 Pere la chaise, & Jardin des

ts. Evening Opera Comique: The Talisman et La part du Diable.

Wed. Jul. 10. La Louvre, Manufactory Gobelin Tapistry. Evening Opera Comique: Le Songe de M. Shakespeare.

Thurs. Jul. 11 Abbey of St. Denis. Dined with Mr G. J. Smith & Mr. Bryan an American gentleman residing in Paris, at the Café des trois freres provinceaux at the Palais royal. Evening went with the same gentlemen to la Cirque National.

Frid. July 12. Manufactory of Porcelain at Sevres, Palais de Meudon, Palais & Park of St. Cloud. Evening Opera Comique La Serva de M. Shakespeare.

Satd. July 13. Dined with Mr. Bryan an american gentleman living in Paris. who posseses a fine private collection of paintings.

Sun. July 14. Visited Grand & Petit Trianon and Park & gardens of Versailles, on the way home, saw a man ascend upon horseback in a balloon from the Champ des Mars. Evening called upon Mr. & Mrs. Fisher. The Abbé Mollyng still a constant visiter. The daughter present, now married to a Mr. Bradford.

Mond. July 15. Dr. W. gave a dinner to a party of 7 americans excluding ourselves. Mr. J.J. smith. Dr A. H. Smith. Dr. Bower of Balt. Dr. Knapp. went at 7 miles from Dr. Hewson, & Mr. Trott. After dinner went to chateau des Fleurs.

Tuesd. July 16. Hotel de Cluny in Palais des Thermes
Evening Dr. Davison called upon us and accompanied us to see M. Bernard.
Wed. July 17. M. Louis paid us a visit.
Evening visited the monument in process of erection for the remains of Napoleon Buonaparte at the Hotel des Invalides.
Thurs. July 18. Letter to M.
Frid. July 19. Letter to Father & Mother
Sat. 20. Evening Opera Comique Giralda ou la nouvelle Psyche.
Sund. July 21 visited ruins & grounds of the Tour de Nesle. Dined with M. Louis - M. Lebert present.
Mond. July 22. Dr. Lebert called upon us at breakfast. Dr. W. employed a guide or courier to accompany us in our further travels, Louis Galini by name. Left Paris for Fontainbleau and put up at the Hotel of France just opposite the palace. Visited interior of the

Palace, and afterwards through the park which is over 60 miles in circumference. It is thickly wooded. Some of the trees are very old. An oak shewn to us from the time of Pharamond, many old beeches a rocky vally, and an excellent spring of water. After dinner visited the park and in one of the ponds thereof saw 150 soldiers & then bathing.

Tuesd. July 23 Left Fontainbleau by rail way for Tonnere and then took a post chaise to Montbard a french village where formerly resided Buffon. Like most villages in this part of the country the houses are built of stone & the roofs tiled or covered with flat stones in the manner of tiling & then look very picturesque.

Wed. July 24 Posted from thence to Dijon the ancient capital of Burgundy & put up at the Hotel de Condé. From Fontainbleau to this place I feel through an

extensive wine growing country.
Thurs. July 25. Left Dijon by railway
to Chalons sur Saone. On the way passed
by the celebrated Cote d'or which extend,
from Clos vougeot to Nolseaune a dis-
tance of 12 leagues, covered with the
richest vineyards of Burgundy. At
Chalons saw the steamers steaming.
Took steamboat and descended the
Saone passing en route
to Lyons the
principal manufacturing city of France.
Put up at the Hotel de l'Univers.
Fri. July 26. Morning took a ride
through the town. Vicinity of the Silk
weavers. Bridges or places of the im-
mortalized in 1848. Visited Cathedrals &
Hall of Arts & sciences. Fine magnif-
icent view from Croix Rousse from its
top. Mont Blanc — Switzerland, Alps, Cevennes
Jura & Lyonnais ranges of hills
Rivers Rhone & Saone &c.

Sat. July 27. Left Lyons early in morning by post chaise & horses, & 2 postilions en route for Chambery. Alluvial soil [illegible] over. Hills of limestone built of the pebbles & [illegible] with little lime: roofs to every house & [illegible] from windows entwining chaos; [illegible] ploughs, winnowing wheat [illegible] market, Hemp extensively cultivated. Lime & [illegible]. Crossed Giers by fine but [illegible] bridge & examined by Sardinian custom house. Magnificent scenery of the Jura mountains. Limestone exhibiting [illegible] mountain path; tunnel through the rock. Arrived at Chamberry & put up at Hotel de la poste. From the [illegible] town, obtained a view of the [illegible] Lakes of Savoy. Dined upon 4 elephants to Gen. de Boigne.

Sun. July 28. Left Chambéry for Turin. Passed along R. Isere & valley of R. Arc. along part of Grand St. Alps. Dined at

St. Michel & put up at Hotel royal at Lans le bourg at foot of Mt. Cenis. During night snowed on summit of M. C. Cenis. Houses on road built of stone roof of large slates or slabs of gneiss. Mond. July 29 crossed Mt. Cenis - 23 Houses of refuge planted along it. Hospital on top originally founded by Charlemagne but present edifice built by Napoleon. Passed through Susa & arrived at Turin at 5 P.M. Put up at Hotel de l'Europe.
Tuesd. July 30. Rode about & through Turin, visited Picture gallery, etc.
Wed. July 31. Left Turin & passed through many villages & fine cultivated. The soil alluvial, passing along the line of the Po. Dined at Nole, the Post at Novara. Arrived in the evening at Milan & put up at Hotel de la Ville.
Thurs. Aug 1. Visited Milan Cathedral. Refectory of Santa Maria delle Grazie, in which is the original of the

[illegible] Duomo di Milano — [illegible]
decorated. Then the Collection of Paintings
— di Brera or Palazzo delle Scienze
e [illegible] Arti.

Wed. Aug. 2 Left Milan via Lago di
Maggiore for the Simplon & put up
at Domo d'Ossola.

Sat. Aug 3 Passed the Simplon Pass at
Brieg & lodged at Sion.

Sund. Aug. 4 Left Sion via Mar-
tigny & Lake de Genève to
Geneva. Put up at Hotel des
Bergues.

Mon. Aug. 5. Rode through
the town & environs. Evening do.
in view of Mount Blanc.

Tues. Aug. 6. Left Geneva with Line
for Chaine to Lausanne on L. Geneva.
where we put up at Hotel Gibbon. Took
a stroll through the town.

Wed. Aug. 7th Left Lausanne for Freyburg
put up at Zaehringer Hof. Longest

suspension bridge in the world. Evening went to church of St. Nicholas to hear the magnificent organ which has 7800 pipes. Fine view of both suspension bridges from platform on back of our hotel.

Thurs. Aug. 8. Left Freiburg arrived at Berne at 10 o clock. Peculiar style of building, curious clock tower. Splendid view of Bernese Alps from platform at side of the church. Afternoon dined at Hotel Faucon. After dinner left Berne & evening arrived at Solothurn & put up at Hotel de la Couronne.

Fri. Aug. 9. Left Soleure. Passed en route ruins of Castles Bipps & Flat-Kenstein. Evening put up at Hotel des trois Rois at Basle.

Sat. Aug. 10 Left Basle. Omnibus to Efringen. Railroad to Heidelberg. Put up at Badischer Hof.

Sund. Aug. 11 Left Heidelberg by railway. [illegible] to Rome! Kaiser. Called upon Prof. F. Diefenbach with him visited the museum Senckenbergianum in which is a good collection of Nat. Hist. especially of mammalia, among others the collection of E. Rüppell. Introduced to Dr. Lentze the curator.

Mond. Aug. 12 visited with Prof. Diefenbach the Städel Chamber on Paul's Platz also the Städelesches Museum, a collection of paintings. Also the room House in which is a collection of portraits of the German Emperors. Evening left Frankfort railway to Friedberg, then took post chaise through Giessen to Marburg where we put up at Hotel der Ritter.

Tuesd. Aug. 13 took railway through Eisenach, Weimar, Weissenfels, Halle, & Wittenberg, Saturday to Berlin, where

[illegible] visited at 7 to 8 A.M. and left at 8 for Potsdam. Left Berlin [illegible] Thurs. Aug. 14 visited Sanssouci & Chinese Gallery &c. Evening visited the Royal Palace of Prince Frederick Charles of Prussia at Charlottenburg.

Thurs. Aug. 15 Left ~~Berlin~~ Berlin via railway through Potsdam, Magdeburg, Brunswick to Hannover. Put up at Hôtel Royal. Took a stroll after dinner through the town.

Frid. Aug. 16 Left Hannover by railway via Minden, Hamm, Düsseldorf, to Cologne Put up at Grand Hôtel Royal.

Sat. Aug. 17. Left Cologne railway via Liège, Malines to Brussels. Approaching Brussels found the country inundated from a great rain of the previous morning. Found Hôtels generally full. Put up at Hôtel des Princes. Many of the beds & cellars in the immediate vicinity full of water.

Sun. Aug. 18 Sunday & leave for Paris found the railways impassable and compelled to return. Left in the evening by Belgium for Lille. Arrive in Lille Place next day noon Mon. Aug. 19 Railway by Amiens to Paris where arrive in evening. Put up at Hôtel Meurice.

Tues. Aug. 20 Called upon Dr. Eberle 14 Rue Jacob. Dr. H. made appointment with Dr. Brown for 100 pieces next prob. in Pathology for 2000 fr. Evening Theatre de la Republique — Le Barbier de Seville — Evening Confidences.

Wed. Aug. 21 Dr. Eberle [illegible]

Thurs. Aug. 22. With Dr. Eberle visited the Hospitals

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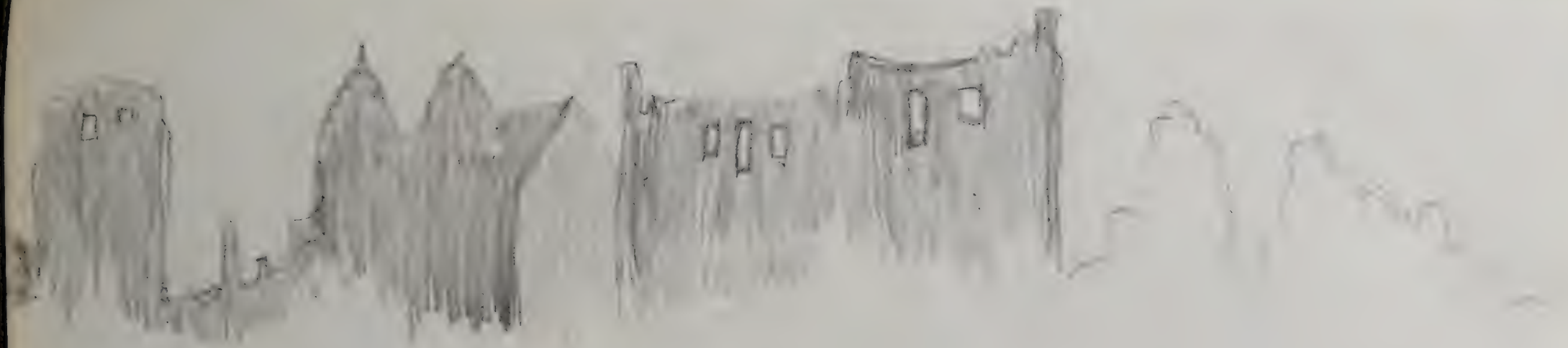

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Miscellaneous